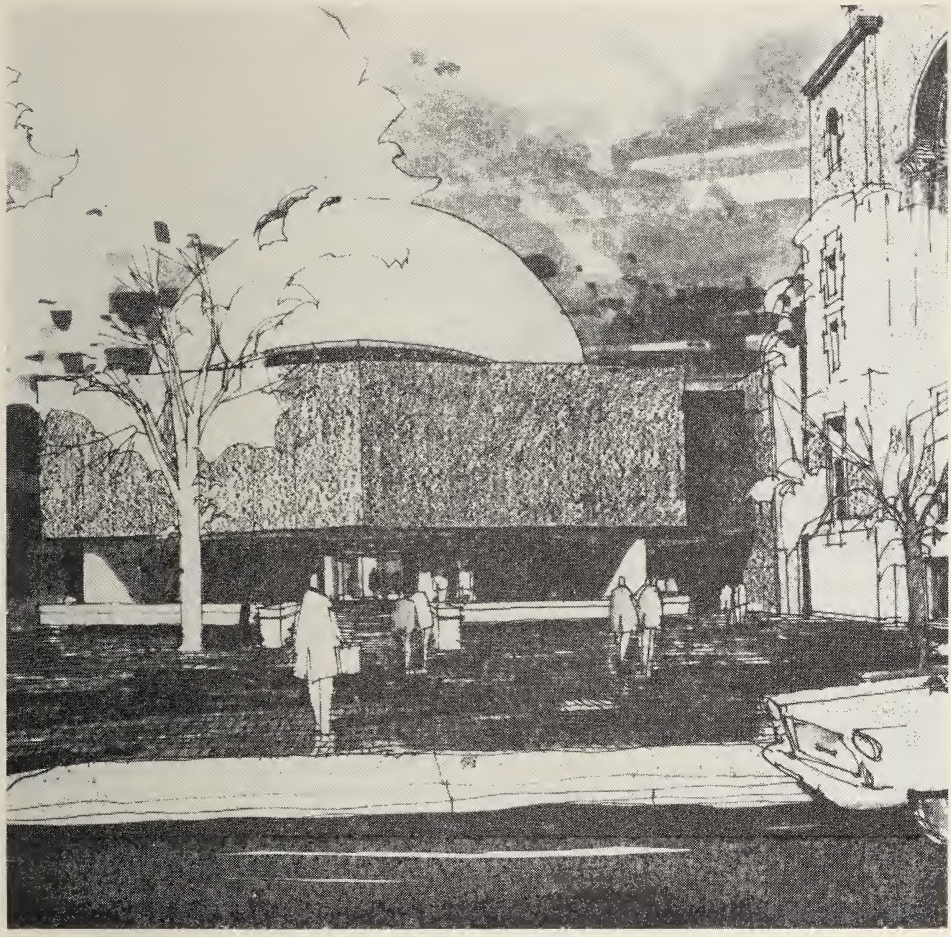

THE McLAUGHLIN PLANETARIUM of the Royal Ontario Museum is represented in this sketch by Allward and Gouinlock as it will be seen by pedestrians approaching Bloor Street from Queen's Park. The contract has just been awarded to Milne and Nicholls Limited, Toronto, for the $2 million building, the gift of Colonel R. Samuel McLaughlin of Oshawa. "We'll be digging well before Christmas", said Howard Milne, the University's Superintendent, Construction and Engineering.

DECEMBER 1966

STAFF **bulletin**

UNIVERSITY OF TORONTO

Victoria College Public Lectures

Jan. 17: *Patterns in Coleridge's Criticism*
Prof. J. R. de J. Jackson, Department of English.

Jan. 24: *Undoing the Doing Puzzles*
Prof. J. A. Graff, Department of Ethics.

Jan. 31: *Bilingualism and Biculturalism: French and English Before Canada*
Prof. H. R. Secor, Department of French.

Feb. 7: *Erasmus on Sacred and Profane Scriptures*
(The Erasmus Lecture).
Prof. Craig Thompson, Haverford College, U.S.A.

Prof. Jackson, who is now editing Coleridge's *Logic*, deals with the criticism of a poet who is of special interest to friends of Victoria and its Library; Prof. Graff explores some of the problems related to the notion of a human action; Prof. Secor explores the relations of French and English before they became Canadian languages. Prof. Craig Thompson, a world famous authority on and translator of Erasmus, continues the series of annual Erasmus lectures.

The Centennial Professors

Prof. Frank H. Underhill of Carleton University will be back at Toronto for the week of Dec. 12 as one of the University's Centennial Professors. He will hold two seminars and speak in a special Centennial series on the meaning and purpose of history. His subject will be "Liberal and New Conservative Schools in Canadian Historiography," and the lecture will be given in room 2110 Sidney Smith Hall, Tuesday, Dec. 13, at 4.15 p.m.

Dr. W. E. Swinton gave the Convocation address at the annual Convocation of the Rochester Museum of Arts and Sciences in Rochester, N.Y. on Nov. 4. He was also the guest speaker at the annual dinner of the Women Teachers Association of Toronto on Nov. 14.

DEADLINE: DECEMBER 15

STAFF BULLETIN is published by the Department of Information, University of Toronto, and edited by Mrs. Winogene Ferguson. Copy for the January issue must reach the editor (Room 225, Simcoe Hall, telephone 928-2102) *not later than December 15.*

DECEMBER EVENTS

1 THURSDAY

Lecture	Faculty of Music Series. Lecturer: Prof. John Weinzweig. Composers on Campus I. "12-tone Procedures in the Divertimento series". Concert Hall, Edward Johnson Building, 2 p.m.
Seminars	Institute for Aerospace Studies. "An Analytical Approach to Compressor Noise". Dr. C. L. Morfey, Bolt Beranek and Newman Inc. (on leave from Institute of Sound and Vibration Research, Southampton, England). Main lecture room. 2 p.m.
	Department of Physics. "Recent Work in High Energy Physics at Chicago". Prof. H. L. Anderson, Enrico Fermi Institute of Nuclear Studies, University of Chicago. Room 135, McLennan Laboratory. 4 p.m.
Theatre	Centre for the Study of Drama. Jean Giraudoux' "Ondine". Directed by William Hutt. Nov. 25 to Dec. 3. Hart House Theatre. 8.30 p.m.

2 FRIDAY

Lecture	Faculty of Medicine. Walter W. Wright Lectureship in Ophthalmology. "Stepping Off the Beaten Path". Dr. Wendell L. Hughes, Clinical Professor of Ophthalmology, New York University. New lecture theatre, Toronto General Hospital. 4 p.m.
Athletics	Hockey. McMaster at Varsity. Varsity Arena. 8 p.m.

3 SATURDAY

Lecture-Recital	Royal Conservatory of Music. "Exploring Music" a series of monthly lecture-recitals for students aged 10–15. "Recorder and String Instruments". Wolfgang Grunsky. Concert Hall, School of Music. 2 to 3 p.m. Free.
Lecture	Royal Canadian Institute. "An Archaeological Approach to Early Canadian Glass". Gerald Stevens, Sigmund Samuel Canadiana Gallery. Convocation Hall. 8.15 p.m.
Athletics	Swimming and Wrestling. University of Rochester at Varsity. Hart House. 2 p.m.

4 SUNDAY

Music	University of Toronto Concert Band. MacMillan Theatre. Edward Johnson Building. 3 p.m. Free.
	Ten Centuries Concert. Concert Hall, Edward Johnson Building. 8.55 p.m.
	Hart House Sunday Evening concert. Festival Singers in cooperation with the CBC. Tickets available to members without charge. Ladies may be invited by members. Great Hall. 8.30 p.m.

5 MONDAY

Music	Organ Recital by Frederick Mooney. Convocation Hall. 5.05 p.m.
Lectures	Graduate Department of English. "Some Present Trends in British Historical Writing". Christopher Morris, Fellow of King's College, Cambridge, Joint meeting with Department of History. Room 2135, Sidney Smith Hall. 5 p.m.
	School of Architecture. "The Object Lost by Light", lecture-demonstration by Hugh Hardy, New York, specialist in natural and artificial illumination, acoustics and theatre design. Room 103, School of Architecture. 8.30 p.m.

6 TUESDAY

Film	Department of French, U.C. "Live and Learn French TV Series: French in Canada". Room 104, U.C. 1.15 p.m. Repeated Wednesday.
Poetry Reading	Hart House Series. Earle Birney will read his own works. Art Gallery. 1.15 p.m.
Lecture	Graduate Department of English. "In Defence of Rudyard Kipling". Christopher Morris. Room 314, Laidlaw Building, U.C. 4 p.m.
Seminar	Department of Computer Science. "A Mechanized Algorithmic Approach to the Jump-a-Peg Puzzle". O. E. Kraulis. Room 101, Old Physics Building. 4 p.m.
Colloquium	School of Graduate Studies, Department of Mathematics. "Resonance in Almost Linear Systems". J. J. Mahony. Room 1087, Sidney Smith Hall. 4.15 p.m.

7 WEDNESDAY

Music	Noon Hour Concert series by the faculty of Royal Conservatory of Music. Aurelle Biggs, piano. 12.30 to 1 p.m. Concert Hall, 273 Bloor St. West. Free.
Talk	"Birds in Trouble", last in series of weekly half-hour talks and tours by the ROM Members' Committee. Beginning in the main rotunda. 12.50 p.m.
Colloquia	Department of Computer Science. "Industrial Scientific Computing—Challenge or Routine?" Dr. D. A. Jardine, Dupont of Canada Research, Kingston, Ont. Room 101, Old Physics Building. 4 p.m.
	Department of Mathematics. "Some Aspects of the Theory of Reflection of Water Waves". J. J. Mahony. Room 1087, Sidney Smith Hall. 4.15 p.m.

8 THURSDAY

Poetry Reading	Second in series of poetry readings and commentaries by Earle Birney. "British Poetry of the Sixties". Art Gallery, Hart House. 1.15 p.m.
Music	Faculty of Music Ensembles. Concert Hall, Edward Johnson Building. 2 p.m.
Seminars	Institute for Aerospace Studies. Research Management Seminar No. 3. A. B. Hunt, vice-president, Research and Development, Northern Electric Co. Ltd. Main lecture room. 2 p.m.

(*Continued*)

8 THURSDAY (*Continued*)

Department of Physics. "Orientational Order in Solid Orthohydrogen". Prof. H. M. James, Department of Physics, Purdue University. Room 135 McLennan Laboratory. 4 p.m.

Lecture — "Nimrud". Prof. M. E. L. Mallowan, chairman of the British School of Archaeology, Iraq, describes his excavations at Nimrud, 9th century B.C. capital of Assyria. ROM Theatre. 8.30 p.m. Free.

9 FRIDAY

Seminar — Institute for Aerospace Studies. "Microfractography in Fatigue Research". Dr. G. Jacoby, Institute for the Study of Fatigue and Reliability, Columbia University. Main lecture room. 2 p.m.

Supper — Faculty Club Buffet Supper. 5.30–8.30 p.m.

Music — Faculty of Music. Intermediate Orchestra. Concert Hall, Edward Johnson Building. 8.15 p.m. Free.

Kimio Eto performs Oriental and Western compositions on the koto, Japan's traditional stringed instrument. Tickets $2.50, available only from the Toronto Buddhist Church, 534–4302. ROM Theatre. 8.30 p.m.

Athletics — Hockey. Laval at Varsity. Varsity Arena. 8 p.m.

10 SATURDAY

Lecture — Royal Canadian Institute. "Canadian Contributions to the Fascinating World of Anaesthesia". Dr. Ian E. Purkis, Dalhousie University. Convocation Hall. 8.15 p.m.

11 SUNDAY

Films — Family Christmas program: "The Ride"; "The Great Train Robbery" (1903); "The Great Toy Robbery"; "The Steadfast Tin Soldier"; "On the Twelfth Day". Museum Theatre. 2 p.m. Free.

12 MONDAY

Music — "Hansel and Gretel" by Humperdinck, an opera for children to be presented by the Opera School, Royal Conservatory of Music. Sponsored by Canadian Opera Junior Women's Committee. Admission by ticket. Dec. 12 to 16 at 4.30 p.m. Dec. 17 at 2.30 p.m. MacMillan Theatre, Edward Johnson Building.

13 TUESDAY

Lectures — "Liberal and New Conservatice Schools of Canadian Historiography". (One of a special Centennial series on the meaning and purpose of history sponsored by the Department of History). Prof. Frank H. Underhill, Carleton University, and University of Toronto Centennial Professor. Room 2110 Sidney Smith Hall. 4.15 to 5.15 p.m.

Department of Zoology. "Sensory Coding and Behaviour". Dr. V. G. Dethier, Departments of Zoology and Psychology, University of Pennsylvania. Room 110, Ramsay Wright Zoological Laboratories. 4.30 p.m.

Films — "L'Homme a la pipe (Gustave Courbet)" and "Le Cardinal de Richelieu". Room 104, U.C. 1.15 p.m. Repeated Wednesday.

(*Continued*)

13 TUESDAY (*Continued*)

Reading	Hart House series. John Leyerle, David Hamblem, George Shand, Pia la Neuss and John Chamberlin. Art Gallery. 1.15 p.m.
Seminar	Department of Computer Science. "SATR—a New Concept in Automatic Measuring Equipment for Bubble Chamber Pattern Recognition". Dr. M. A. Thompson, Department of Physics, University of Wisconsin. (Postponed from Nov. 8). Room 101, Old Physics Building. 4 p.m.
Colloquium	Department of Mathematics. "An Example of an Error Analysis". W. Kahan. Room 1087, Sidney Smith Hall. 4.15 p.m.

15 THURSDAY

Lecture	University of Toronto Committee on the History and Philosophy of Science. "Drug Adulteration: Its Detection and Control in Nineteenth Century Britain". An episode in the history of science by Ernest W. Stieb, associate professor of the History of Pharmacy, University of Wisconsin. Room 102, Mechanical Building. 1.10 p.m.
Seminars	Institute of Aerospace Studies. "A Large Non-Equilibrium MHD Generator". Prof. J. L. Kerrebrock, Department of Aeronautics and Astronautics, Massachusetts Institute of Technology. Main lecture room. 2 p.m.
	Department of Physics. "Nuclear Particle Tracks in Meteorites". Dr. P. B. Price, General Electric Company, Schenectady. Room 135, McLennan Laboratory. 4 p.m.

16 FRIDAY

Luncheon	Faculty Club Christmas Luncheon. 12 noon to 2 p.m. Members only.
Athletics	Basketball. Western at Varsity. Hart House. 8.30 p.m.

18 SUNDAY

Service	Vespers Service in the Chapel of Massey College. 5 p.m. Music: "Hosanna to the Son of David" by T. Weelks, and "O Ye Little Flock" by John Amner.

20 TUESDAY

Film	"Rimbaud et Le Bateau Ivre". Room 104, U.C. 1.15 p.m. Repeated Wednesday.

28 WEDNESDAY

Music	Bach's *Christmas Oratorio* performed by the Orpheus Choir of Toronto and a special Baroque orchestra, directed by John Sidgwick. Soloists: Jeannette Zaron, Marilyn Duffus, Wilfred Brown, Jan Simons. Ryerson Institute of Technology Theatre. Reserved seats from Orpheus Choir, Box 103, Don Mills. ($4., $3., $2.50, $1.50)

31 SATURDAY

Ball	Faculty Club New Year's Eve Ball. Buffet Supper 8 to 10 p.m. Dancing 9.30 to 12 midnight. Early reservations advisable.

Exhibitions

"An Old Canadian Winter". About 50 paintings depict the more leisurely winters of 100 years ago. Several oils and water colors by Cornelius Krieghoff, including "Beating the Tolls", are included. Sigmund Samuel Canadiana Building, until Jan. 15.

"Gentle Wilderness: The Sierra Nevada". Color photographs by Richard Kauffman illustrate his belief the Sierra Nevada mountain range "welcomes man and bids him stay to enjoy it to the fullest". The exhibition of 50 photographs, on loan from the Smithsonian Institution, continues in the ROM Lower Rotunda until Dec. 15.

"Loch Collection of Cypriote Antiquities". Sculpture, pottery and jewellery from ancient Cyprus are included in the collection presented to the ROM by the dowager Lady Loch. The exhibition, in memory of Lionel Massey, continues until Dec. 26.

"Christmas Stamp Cancellations". The display, from the collection of Mr. R. G. Ohler, Fonthill, Ont., consists mainly of cancellations from the Austrian hamlet of Christkindl. ROM Lower Rotunda, Dec. 15–Jan. 15.

"Dorset Night", exhibition of paintings and sketches made by students at Dorset sketch camp in the Haliburtons in September. Exhibition Hall, School of Architecture, 230 College Street, until Dec. 8.

Work of Charles Rennie Mackintosh, previously scheduled for December. School of Architecture. During January.

Exhibition of Student work, School of Architecture. From Dec. 12.

Drawings by Gary Slipper. Hart House Art Gallery. Until Dec. 11.

Photography exhibition. Hart House Art Gallery. Dec. 13–23.

Poetry Readings and Commentaries

A program of poetry readings and commentaries by the University's Writer in Residence, Earle Birney, has been arranged. The readings will be held on Thursdays at 1.15 p.m. in the Art Gallery of Hart House on the following dates: Nov. 24, "New Canadian Poetry"; Dec. 8, "British Poetry of the Sixties"; Jan. 5, title to be announced; Jan. 26, "American Poetry of the Sixties"; Feb. 9, "Contemporary European Poets"; Feb. 23, "New Poets of the Commonwealth"; March 9, "Leading Canadian Poets"; and March 23, the title to be announced later. Everyone interested is welcome.

Appointments and Promotions

Arts and Science

Peter Swann, director of the Royal Ontario Museum, has also been appointed professor in East Asian Studies.

J. W. Abrams, of the Department of Industrial Engineering, has also been appointed associate professor (History).

Miss M. B. Kaack, appointed assistant professor (Zoology), has been teaching in the Department of Biology, St. Mary's Dominican College, New Orleans, of which she is a graduate. She earned her Ph.D. at the University of Notre Dame in 1961.

University College

F. V. Winnett has been appointed vice-principal of University College. A Toronto graduate, he studied further at Knox College and the Hartford Theological Seminary. He joined the university staff in 1929, and since 1952 has been head of the Department of Near Eastern Studies in the College.

Dr. Winnett has travelled widely in the Near and Middle East, and has twice been director of the American School of Oriental Research in Jerusalem.

R. B. de Sousa of the Department of Philosophy has been cross-appointed assistant professor in the Department of Ethics, U.C.

Hans G. Wiebe has been promoted to associate professor (German).

Victoria College

Promotions in the French Department to assistant professor for 1966–1967 include the following: Paul A. R. Bouissac and John A. McClelland.

Trinity College

Mrs. P. L. Bruckmann has been promoted to the rank of associate professor in the Department of English.

Scarborough College

Ali Tayyeb has been promoted to associate professor in the College and also in Geography and Islamic Studies.

Medicine

G. C. McMillan, appointed professor (Pathology), has been Strathcona Professor of Pathology and chairman of the Department at McGill University, and pathologist to the Royal Victoria Hospital, Montreal. A graduate of McGill, he became a Fellow of the Royal College of Physicians and Surgeons of Canada (Pathology) in 1964.

Promotions to professor have been made to J. F. Paterson (Medicine) and Andrew Sass-Kortsak (Paediatrics); and to associate professor to Donald Fraser (Paediatrics). A. W. Chisholm (Medicine), C. S. Anglin (Paediatrics) and A. W. Harrison (Surgery) have been promoted to assistant professor.

Applied Science and Engineering

Behrouz Tabarrok has been appointed assistant professor (Mechanical Engineering). He is a graduate of Wolverhampton and Staffordshire College of Technology, with a D.Phil. degree from Oxford, and has been here on a senior research fellowship from the Ford Foundation.

Music

Mieczyslaw Kolinski has been appointed visiting professor of Music and is giving a course at graduate level in the field of Ethnomusicology, this being the first course of its kind at any Canadian University. Dr. Kolinski will be available to students of the Graduate Department of Music and any other persons interested in Ethnomusicology.

Architecture

Martin Krampen, appointed assistant professor, has been teaching design and psychology at the University of Waterloo for three years. He studied at the Universities of Tübingen and Heidelberg, Accademie delle belle Arti, Florence, and Hochschule fuer Gestaltung, Ulm.

S. N. Benjamin and R. A. Strong have been promoted to assistant professors.

Social Work

F. J. Bregha, appointed associate professor effective next Jan. 1, was educated in Czechoslovakia and at Laval University. After teaching at Laval and holding positions in business, he became in 1956 director of Free Europe Press, with offices in Munich, Paris, London and Rome, producing multilanguage editions of magazines and books dealing with post-war social and economic problems of Europe. In 1960 he became economic adviser to the Prime Minister of Quebec, and later was adviser to the Ministries of Labour and Commerce. Five years ago he was nominated director of the newly-created International Development Foundation Inc. for South America, and organized the foundation's program in student, civic and rural leadership, establishing offices and projects in Uruguay, Argentine, Chile, Peru, Ecuador, Colombia, and Venezuela.

Hygiene

David Hewitt (Epidemiology and Biometrics) has been appointed associate professor of Statistics, not assistant professor.

Aerospace Studies

P. C. Hughes, Toronto graduate, who earned his Ph.D. this year, has been appointed assistant professor, effective Oct. 1.

Great Lakes Institute

Two associate directors have been appointed: F. E. J. Fry, professor of Zoology, and P. H. Jones, associate professor in the Department of Civil Engineering.

Royal Ontario Museum

The Near Eastern Department has been reorganized into two new departments. Miss W. Needler continues as curator of the Egyptian Department and T. C. Young becomes assistant curator-in-charge of the West Asian Department.

Extension

F. J. P. French has been appointed assistant to the director. He graduated from McGill University in Economics and Political Science in 1949. Prior to graduation he had been granted a permanent commission in the Royal Canadian Navy, where he specialized in communications, and served until joining the staff here. Mr. French's last seagoing appointments were in command of H.M.C.S. Lanark, and H.M.C.S. Cap de la Madeleine, both frigates of the Atlantic Command.

NOTES

Administration

President Bissell was elected chairman of the Board of Trustees of the Carnegie Foundation for the Advancement of Teaching at the Foundation's annual meeting in New York City, on Nov. 16. He is the only Canadian on the board of 25 members.

With Dr. Bissell on the executive committee of the Foundation are Franklin D. Murphy, Chancellor, University of California at Los Angeles, elected vice-chairman; Robert K. Carr, President, Oberlin College; William Friday, President, University of North Carolina, Robert F. Goheen, President, Princeton University; Gaylord P. Harnwell, President, University of Pennsylvania; and David D. Henry, President, University of Illinois.

Arts and Science

Prof. J. H. Soper gave an invited seminar to staff of the Natural History Museum, Smithsonian Institution, Washington, on July 14 entitled "Botanical Mapping by Computer Techniques". He also presented a seminar at the Plant Research Institute, Canada Department of Agriculture, Ottawa, on Oct. 12, on "Data-Processing and Computer Applications in Taxonomy and the Herbarium".

Prof. W. A. C. H. Dobson took part in a conference on Computers and Chinese Linguistic Research at Princeton University, Oct. 12–13. He was a member of the Canadian delegation to the XIVth session of the General Conference of UNESCO held in Paris in November.

Prof. G. T. Artola has been elected vice-president of the Western Branch of the American Oriental Society.

Prof. H. Saddhatissa delivered a lecture on "Universal Love" at Dhamma Centre on Nov. 4.

Prof. J. W. Birch read a paper "On Some Geographical Properties of Farming Systems at the Regional Conference of the I.G.U. in Mexico City.

Profs. Curry and Casetti attended the first two day seminar on Quantitative Methods in Geography at Ann Arbor in May sponsored by N.S.F. The former also attended a two week conference on the Use of Remote Sensing in the Earth Sciences at Ann Arbor in June.

Prof. N. C. Field attended a reception for a group of sixteen Soviet academics and management personnel who visited Toronto during the first week of October, and spent a day with several members of the delegation visiting farms and other points of interest in the region surrounding Toronto.

The 62nd Annual Meeting of the Association of American Geographers was held at the Royal York Hotel from Aug. 28 to Sept. 1. Members of the Department of Geography comprised a committee to arrange the meetings in the hotel and on the St. George Compus. Assistance was provided by geographers from York, McMaster and Waterloo universities in planning and leading field trips in Metropolitan Toronto and various parts of southern Ontario. Over 850 members of the Association registered for the meetings. Among the many sessions were those dealing with Resource Use and Planning, Cartography and the Geography of the U.S.S.R. One of the highlights of the meeting was an address delivered by Prof. Andrew Clark of the University of Wisconsin on "The Three Worlds of the Canadian". This meeting was followed by a University reception in Hart House.

Prof. M. Q. Baig gave a talk on "Tarigah —the Sufi Path" at the Islamic Centre of Toronto on Oct. 2 and a seminar on "Sufism —Sufi Doctrines and the Rose of Sufi Orders" at the State University of New York at Albany on Nov. 7, and presided over the annual Urdu symposium of the Canada-Pakistan Society on Nov. 4, at the Islamic Centre, Toronto.

Prof. Kurt Levy attended the A.U.C.C. meetings in Ottawa on Oct. 26 and 27, and participated in the discussions on cooperation between universities in Canada and Latin America.

Prof. D. Marín presented a paper on "Contemporary Spanish Poetry" at the meeting of the American Association of Teachers of Spanish and Portuguese (Ontario Chapter) at the University of Western Ontario on Nov. 5. Prof. Evelyn Rugg is secretary-treasurer of the chapter.

At the annual meeting of members and governors of the Institute of Current World Affairs in New York on Nov. 5, Prof. Kenneth O. May was elected chairman of the board. The Institute was founded by Charles R. Crane and Walter S. Rogers in 1926 to provide support for a few persons of unusual promise in long term first hand study and observation of foreign areas and problems of significance.

Prof. E. L. Fackenheim attended a colloquium on Judaism and Christianity sponsored by the Harvard Divinity School, Oct. 18–20. Prof. Fackenheim addressed the Hillel Foundation of Brandeis University, on the occasion of the tenth anniversary of the death of Leo Baeck.

Prof. John H. Woods read a paper on "A Paradox of Identity?" at the University of California, Irvine, on Oct. 17; on "Reflexive Relations" at Pomona College, on Oct. 18; and on "Fictionality and the Logic of Relations" at The Claremont Graduate School, Oct. 19.

A small theoretical physics conference on Asymptotic Quantum Field Theory was held at the Department of Physics on Oct. 28 and 29. Participants from Purdue, Syracuse and Lowell Universities discussed current research problems in Quantum Field Theory.

Profs. A. C. H. Hallett and G. D. Scott attended the third annual meeting of representatives of Ontario Departments of Physics held at Queen's University on Nov. 7.

Prof. R. List was elected chairman of the Canadian Organizing Committee of the International Conference on Cloud Physics to be held in Toronto Aug. 26–30, 1968.

Prof. J. W. Moffat presented an invited paper entitled "High Energy Theorems Based on Current Algebra" at the Conference on High Energy Physics held at McGill University on Nov. 5.

Prof. J. D. Poll visited the University of Waterloo on Oct. 20 and gave a seminar entitled "The Adiabatic Approximation for the Hydrogen Molecule".

Prof. J. D. Prentice visited the Chalk River Nuclear Laboratories where he gave a seminar on "Pion-proton Interactions at 3 GeV/C". An invited paper on the same subject was presented at the C. A. P. topical conference on high energy physics, at McGill University on Nov. 5.

Prof. L. E. H. Trainor gave two talks to the Physics Department at the University of Manitoba recently entitled: "Einstein Condensation and Phase Transitions in Helium Films" and "Mass Measurements, Models and Nuclear Structure".

In the Department of Physics, seminars were recently given by the following visitors: Prof. E. J. Woods, University of Maryland; Prof. G. W. Series, University of Oxford; Prof. R. G. Moorhouse, Stanford University; Prof. A. G. W. Cameron, Yeshiva University; Prof. C. J. Drake, Columbia University; Prof. C. O. Hines, University of Chicago; Sir John Cockcroft, Cambridge University; Prof. E. W. Montroll, University of Rochester; Dr. M. Harvey, Chalk River Nuclear Laboratories; Prof. D. B. Lichtenberg, Indiana University; Dr. M. Danos, National Bureau of Standards, Washington; Prof. J. A. Kuehner, McMaster University.

Prof. D. E. Berlyne addressed a colloquium on "Motivational Effects of Auditory Pitch and Complexity" at the Mental Health Research Institute on Nov. 3. On the following day he addressed a colloquium on "The Reinforcement of Verbal Learning" at the Department of Psychology, University of Michigan.

Prof. C. D. Creelman presented a paper on "Detectability Scaling Without the J.N.D." at the Psychonomics Society, St. Louis, Mo., Oct. 29.

Prof. B. B. Murdock addressed a colloquium on "Models of Short-term Memory" at Cornell University, Oct. 21.

Prof. G. T. Gilbert acted as coordinator of a two-week pre-exam school in May for students about to write the intermediate examinations of the C. A. course, and also lectured at the same course. The course was sponsored by the Chartered Accountants Students' Association of Ontario. Prof. Gilbert was director of a four-week summer school put on by the Institute of Chartered Accountants of Ontario for students working toward the C.A. diploma. He also lectured at this school from July 25 to Aug. 19. Prof. Gilbert attended the annual conference of the American Accounting Association held in Miami Beach, Aug. 22–25.

R. D. Brown has been invited to speak on the Automotive Agreement in a panel discussion at a seminar on Regional Problems of Canadian-American Reciprocity at Michigan State University next March 13.

Visiting lecturers to the Department of Zoology this fall have included: Dr. David Mettrick, Department of Zoology, University of the West Indies, Kingston, who spoke on "Effect of Host Dietary Amino Acids on Tapeworm Development"; Dr. Z. Kajak,

head of the Department of Hydrobiology, Polish Academy of Sciences, who spoke on "Experimental Studies on Productivity in Some Mazurian Lakes"; Dr. Richard Vollenweider, Italian Institute for Hydrobiology, Pallanza, who spoke on "Inland Water Eutrophication"; Dr. S. Segerstrale, of the University of Helsinki; Dr. Robert MacArthur, Department of Biology, Princeton University, who spoke on "The Large Scale Pattern of Bird Species Diversity".

Dr. R. O. Brinkhurst gave a lecture at the University of Guelph entitled "The Bottom Fauna of Lakes", in November.

Dr. K. C. Fisher attended the opening, on Oct. 22 of the new Biology Building at the University of Windsor, where he presented a talk entitled "Hibernation: A Study of Foresight in Nature".

Dr. W. G. Friend attended meetings of a joint international atomic energy agency and food and agriculture organization of the United Nations, and took part in a panel on radiation, radioisotopes and rearing methods for the control of insect pests. He also presented a paper at these meetings entitled "The Nutritional Requirements of Diptera".

Dr. F. E. J. Fry attended the "Pollution in Our Environment" conference in Montreal in October, and also attended meetings of the State Quality Control, San Francisco Bay-Delta Area, in San Francisco.

University College

Prof. D. F. S. Thomson gave a lecture at Yale University to the Yale Classical Society on "Love, Wit and Irony in Catullus" on Oct. 26.

Prof. Clifford Leach delivered a lecture on "Shaw and Shakespeare" at the Shaw Seminar at Niagara-on-the-Lake on July 19.

Prof. F. E. L. Priestley gave two lectures on "Pope's View of Man and Nature" at Waterloo Lutheran University on Oct. 25. On Oct. 31 he discussed before the Association of Teachers of English "The Role of the University in the Training of Teachers".

Prof. A. G. Falconer gave a paper on "Alfred de Musset, poète de l'actuel" at the Xth International Congress of the Fédération Internationale des Langues et Litteratures Modernes, held in Strasbourg, Aug. 29 to Sept. 3.

Prof. P. R. Léon gave a paper on "External Junctures as Stylistic Cues in French Speech" at the International Congress of Phonology held in Vienna, Aug. 30 to Sept. 3. He also gave a lecture on "Problems of Perception in Language Learning" on Oct. 7 at the University of Montreal. Prof. Léon lectured on "L'Enseignement de l'esthétique de la langue" and directed a colloquium for university and secondary school teachers in Detroit on Oct. 21–22. He read a paper on "The Aspirated *h* in Norman French. Acoustical and Linguistic Study" at the annual meeting of the Association Canadienne-Française des Arts et Sciences held in Quebec City, Nov. 4–6. This meeting was also attended by Profs. Cecile Cloutier and D. F. Jourlait.

The Académie Française has accorded official recognition to Profs. Pierre and Monique Léon's recent book, *Introduction à la phonétique corrective.*

Victoria College

Prof. F. J. D. Hoeniger attended the meetings of the North-Central Branch of the Renaissance Society of America at Windsor, May 13 to 14, and was elected general secretary of the branch. He also attended the Shakespeare International Conference at Stratford-upon-Avon, Sept. 3 to 9.

On Oct. 27 Dr. Northrop Frye took part in the inaugural program of Cornell University's newly established Society for the Humanities. The topic of the symposium, in which a number of other outstanding scholars took part, was "The Morality of Scholarship".

Prof. J. S. Wood, while on sabbatical leave during 1965/1966, visited the universities of Strasbourg and Lille, on Nov. 17 to 18, 1965, and March 16 to 17, 1966. At both universities he conducted a seminar on "Roman et réalité" and gave a public lecture on "L'époque 1830–48 en France, vue à travers le roman".

Prof. Laure Rièse addressed the Académie de l'Art de Vivre (Paris) during June on the subject of the expansion of French in English speaking Canada. In March she delivered the final lecture for the fiftieth anniversary of the Cercle des Conférences in Cleveland. Her subject was "Les nouveaux aspects de la littérature canadienne française".

Prof. John M. Robson acted as chairman for the Conference on Editing Problems in the Nineteenth Century, held Nov. 4 and 5 on the campus, during which he read a paper on "Editing the Collected Works of J. S. Mill". He also was chairman of the International Teach-In on China held on campus from Oct. 10 to 16.

Prof. M. Léon delivered a lecture, on

Oct. 7, at the University of Montreal on the topic "Phonétique et exercices structuraux".

Prof. L. Rièse delivered two lectures on Oct. 4 and 5 before the Cercle des Conferences, Cleveland, on the subjects "Le Théâtre de l'absurde" and "Le Climat théâtral de Paris, 1966".

Profs. R. W. Jeanes and John Chidaine attended the meetings of the Association Canadienne-Française pour l'avancement de la science at Laval University on Nov. 4 to 6. Prof. Chidaine read a paper before the Linguistic Section entitled "Laryngeal Fricatives in Saintongeais".

Prof. Charles Dedeyan, Head of the Department of Comparative Literature at the Sorbonne, visited Victoria College on Oct. 31, and delivered a lecture to the staff and students on the role and development of studies in Comparative Literature at the Sorbonne.

Trinity College

The Provost gave a lecture on "The Abolition of God in Modern Thought" to the Catholic Philosophical Association of Detroit and Windsor on Oct. 26.

Prof. George Falle was the recipient of a Nuffield Foundation Summer Grant for 1966 and was a Guest Fellow of King's College, Cambridge for the Long Vacation Term, Summer 1966. Prof. Falle has been appointed Secretary of the Graduate Centre for the Study of the Drama, U. of T.

Prof. William S. Rogers presided over the annual meetings of the Humanities Research Council of Canada in Sherbrooke on June 9 and 10. He represented the Humanities Research Council of Canada at the Congress of the Union Académique Internationale in Brussels, June 13–18. Prof. Rogers taught a course on the Twentieth-Century French Novel in the post-degree program at the University of Waterloo's Summer Session 1966.

Prof. Brian Parker was awarded a Canada Council Senior Fellowship and is on leave of absence for the Fall Term.

The Rev. Prof. Eugene R. Fairweather lectured on "Radical Protestant Theologies" and "The Present Ecumenical Situation" at the Fredericton Diocesan Clergy Conference at Saint John, N.B. June 6–9. On Sept. 6–8 he attended the Quebec Diocesan Clergy Conference at Bishop's University and delivered lectures on "The Principles of Union". On Oct. 3 Prof. Fairweather gave a lecture on "Vatican II—A Critical Review" at the Newman Centre, University of Western Ontario. On Oct. 18 he addressed the annual meeting of the Queen's Theological College on "The Principles of Union".

Prof. G. M. A. Grube has been appointed a visiting professor in Classics at the University of Cincinnati for the Spring Term, 1967. On Dec. 1 Prof. Grube will deliver a public lecture on "Greek and Roman Criticism" at the University of Western Ontario.

St. Michael's College

Prof. L. S. Dewart addressed the Teachers' Development Day, Metropolitan Separate School Board, on Oct. 14 on "What is Happening in the Church?".

Rev. J. M. Kelly and Rev. A. F. Waligore attended the annual Conference of the Association of Universities and Colleges of Canada in Ottawa, Oct. 24–28.

Rev. J. F. Madden represented the University of Toronto and St. Michael's College at the inauguration of the President of the University of Detroit on Oct. 20.

Prof. R. J. Schoeck lectured on "Thomas More, Lawyer and Judge" at the University of San Francisco on Nov. 10 and attended the Mediaeval Studies Conference at the University of California, Davis, on Nov. 12.

Pontifical Institute of Mediaeval Studies

Rev. L. K. Shook attended the Mediaeval Studies Conference at the University of California, and on Nov. 12 gave the major address on "The Future of Mediaeval Studies".

Rev. Joseph Owens read a paper on "The Aristotelian Argument for the Material Principle of Bodies" at the Fourth Symposium Aristotelicum held in Göteborg, Sweden.

Rev. A. J. Raftis and Rev. J. O'Donnell attended the Eighth Annual Seminar on Canadian-American Relations held Nov. 3–4 at the University of Windsor.

Prof. Etienne Gilson has returned to the Pontifical Institute of Mediaeval Studies on his annual visit. During November he delivered three lectures on "Metaphysics and Christian Philosophy".

Rev. L. E. Boyle, O.P., Rev. M. M. Sheehan, and Rev. J. F. Quinn attended the Midwest Mediaeval Conference at Indiana University.

Scarborough College

Prof. Noah M. Meltz has been appointed chairman of the Salary Committee of the Canadian Association of University Teachers.

Dr. Meltz presented a paper on "The Female Worker: Occupational Trends in Canada" to a consultation on Changing Patterns in Women's Employment held in Ottawa on March 18 by the Women's Bureau of the Canada Department of Labour. Prof. Meltz delivered a lecture on "Approaches to Manpower Forecasting" to a study group of the Labour College of Canada on March 20 last. He attended a conference on Education Statistics sponsored by the Dominion Bureau of Statistics, held at Carleton University in Ottawa, July 25 and 26. Frof. Meltz was a guest lecturer at the Canadian Forces College discussing "Manpower Problems associated with Canada's Economic Development" on Oct. 12.

Prof. Karl S. Guthke presented a lecture on "The Eclipse of God in Modern Literature" at Indiana University on Nov. 8.

Erindale College

Dr. Irwin M. Spigel attended the 7th meeting of the Psychonomic Society in St. Louis, Missouri, Oct. 27–29, and presented a paper titled "Electrolyte Balance and Short-term Stress".

Medicine

A recent visitor to the Department of Anatomy, Dr. J. C. Allan is senior lecturer in Anatomy of the Medical School, Universtiy of Witwatersrand, Johannesburg. Dr. Allan has a Carnegie travel grant and has been visiting various universities in Canada and the United States.

Prof. G. E. Connell gave an address on "The Structure and Function of Antibodies" at McMaster University on Oct. 18.

Prof. G. R. Williams spoke in the Department of Biophysics and Physical Biochemistry at the University of Pennsylvania on Oct. 28. His subject was "The Effect of Adenosine Diphosphate on the Metabolism of Pyruvate in Isolated Mitochondria".

Dr. E. A. McCulloch was visiting professor at the Middlesex Hospital Medical School. He gave the following talks: "The Antigen-sensitive Cell", "The Control of Hemopoiesis I. Physiological Aspects", "The Control of Hemopoisis II. Genetic Aspects", "The Cellular Basis of the Genetic Defect in Hemopoiesis in Flexed-tailed Mice", "Introduction to the Etiology of Leukemia". He gave a talk to the Radiobiological Unit at Harwell on "Studies of Stem Cells Using Transplantation Techniques"; St. Thomas's Hospital on "Quantitative Studies on Stem Cells"; Institute for Cancer Research on "The Control of the Proliferation and differentiation of Hemopoietic Stem Cells.

Dr. M. A. Ogryzlo attended the following meetings and presented papers on the subjects indicated. Pennsylvania Medical Society, "Laboratory Aids in the Diagnosis of Arthritis"; University of Saskatchewan, "Interpretation of Laboratory Data in Rheumatic Disorders"; and Saskatchewan Division of the Canadian Medical Association annual meeting, "Current Status of Gout and Gouty Arthritis".

Dr. O. V. Sirek was invited to attend a workshop on "Spontaneous Diabetes in Animals", held last October at the Brook Lodge, Augusta, Michigan. He presented a paper on Spontaneous Diabetes in Chinese Hamsters".

Dr. R. E. Turner presented a paper "Forensic Psychiatry and Criminology in Canada" at the Fourth International Congress of Psychiatry in Madrid, Spain, in September.

Miss H. P. Le Vesconte, Miss I. M. Robinson, and Mrs. M. T. Cardwell, attended the 36th Annual Conference of the Canadian Association of Occupational Therapists, held in Edmonton in October, and at which Mrs. Cardwell was elected president of the Association. Preceeding the conference they attended Study Courses on "Interpersonal Relationships in Occupational Therapy" and "Research Methods" conducted by members of the staff of the University of Alberta.

Prof. Charlotte Floro, chairman, Department of Occupational Therapy, University of the Philippines, visited the Division of Rehabilitation Medicine to observe and discuss current trends in educational programs in occupational therapy, and rehabilitation facilities, as a part of a program of observational visits to various countries arranged by the World Health Organization.

Law

Prof. M. L. Friedland spoke to the Department of Sociology, York University on Oct. 6 on "Social Stratification and the Criminal Law"; and to the McMaster University Debating Union on Oct. 25 on "Police Powers".

Prof. J. B. Milner addressed the Nova Scotia Community Planning Conference sponsored by the Dalhousie Institute of Public Affairs on "Trends in Planning Law in Canada" on Oct. 21.

Applied Science and Engineering

Dean James Ham has been made a Fellow of the Institute of Electrical and Electronics Engineers. Dean Ham, one of two Canadians of 125 who were elected to the grade of Fellow, was cited for "leadership in engineering education and research, and for contributions to the field of automatic control systems".

Prof. R. W. Missen attended the 16th Canadian Chemical Engineering Conference at Windsor, Oct. 17 to 19 and was chairman of a session on "Computing Chemical Equilibrium in Complex Reacting Systems". He also was co-author of two papers presented at the conference: one on "Calculating Complex Chemical Equilibria by an Improved Reaction-Adjustment Method", presented by W. R. Smith, and the other on "Heat Transfer and Interfacial Phenomena in the Condensation of Binary Vapours", presented by J. D. Ford.

Prof. J. W. Smith also attended the conference and later visited the Sarnia chemical area at the invitation of Imperial Oil, Dow Chemical Co. and Polymer Corporation.

The paper "A Shock Tube Study of the High Temperature Reactions of Nitrogen with Hydrocarbons" co-authored by Prof. O. Trass was given by I. Krizancic at the conference.

Dr. A. P. Bernhart and Dr. P. H. Jones attended the conference on "Pollution and Our Environment" sponsored by the Canadian Council of Resources Ministers. Dr. Bernhart participated in guideline discussion on "Planning and Pollution Control". Dr. Jones contributed on "Science and Technology".

Prof. M. W. Huggins and James Ife attended the annual meeting of the Prestressed Concrete Institute in Houston, Texas, Sept. 25–30 at which a paper by J. Ife, S. M. Uzumeri and M. W. Huggins on "Precast Concrete Construction Research" was presented.

Dr. G. N. J. Kani presented a paper on "How Safe Are Our Large Reinforced Concrete Beams?" at the annual convention of the American Concrete Institute in Philadelphia, on March 11. Dr. Kani presented two lectures in Germany on "The Unexpected Results of the Toronto Shear Tests" on Sept. 6 at the Technical University of Stuttgart, and on Sept. 8 at the University of Bochum. Dr. Kani was moderator at the Earthquake Symposium in Montreal, Sept. 12–13 of Session IV: Structural Design; Connection Problems.

Profs. O. J. Marshall, H. L. Maclin, R. C. Gunn, J. Vlcek and S. J. G. Bird attended a colloquium on Survey Education in Canada held in Ottawa, Oct. 31 and Nov. 1. Prof. Marshall presented a paper as a member of a panel organized to discuss surveying education at Canadian universities.

Prof. E. I. Robinsky attended the 19th Canadian Soil Mechanics Conference held in Vancouver on Oct. 6 and 7.

Profs. A. J. Kravetz and G. R. Slemon attended the annual meeting of the Upper New York Ontario Quebec Session of the American Society for Enginering Education, Oct. 14 and 15. Prof. Slemon was a panelist in one of the sessions and spoke on the topic "The Undergraduate Laboratory: Its Role in Developing Creative Engineers".

Prof. George Sinclair attended IEEE Executive Committee meeting at the National Electronics Conference in Chicago, Oct. 5 and 6. He also attended the Communications Symposium in Montreal, Oct. 13, to participate in the official opening ceremonies.

Prof. H. W. Smith spoke at a seminar on "Increased Productivity through Process Control", sponsored by the Department of Industry and McGill University on Nov. 1. His subject was "The Principles of Process Control". He has recently been appointed to the International Committee responsible for organizing a symposium on "Digital Computer Control of Large-Scale Systems" sponsored by the International Federation of Automatic Control, to be held in Toronto in June 1968.

Prof. Arthur Porter addressed the Data Processing Management Association on "Education in Management" on Sept. 19. He addresed the Canadian Council of Professional Engineers' annual symposium on "A Study in Environmentalism" on Oct. 26 in Montreal. On Nov. 3, Dr. Porter presented the Basterfield Memorial Lecture entitled "Cybernetics and Civilization" at the University of Saskatchewan Regina Campus.

Prof. J. W. Abrams attended the National Meeting of the Operations Research Society of America in Durham, North Carolina from Oct. 17 to 19. He presided at the award of the Lanchester Prize to the outstanding Operations Research Paper of 1965. He also addressed the Insurance Institute of Ontario, Management in Action Course, Oct. 25, on "Development of Computers".

Prof. B. Bernholtz attended the IEEE Systems Science and Cybernetics Conference

held in Washington, from Oct. 17 to 18. He represented the University of Toronto at the California Institute of Technology's 75th Anniversary Convocation and Conference in Pasadena on Oct. 24 to 27.

Prof. J. R. Carruthers presented papers on "Segregation Problems in Alloy Crystal Growth" at the University of North Carolina, Aug. 30; on "Thermal Convection in Horizontal Crystal Growth" at the Dow Corning Corp., Hemlock, Mich., Sept. 30; on "Diffusion Boundary Layers in Horizontal Crystal Growth" at the Bell Telephone Laboratories, Murray Hill, N.J., Nov. 3; on "Solute Incorporation During the Cyclic Solidification of Silicon" at the Ford Research Laboratories, Dearborn, Mich., Nov. 11; and on "Contributions of Morphological Stability to the Structure of Vapour-Grown Solids" at the Westinghouse Research Laboratories, Pittsburgh, Nov. 18.

Prof. G. B. Craig visited the Aluminium Laboratories in Kingston on Oct. 5, and presented a paper on "The Fibre Hardening of Aluminium". He visited Atomic Energy of Canada Limited, Chalk River, on Oct. 18, and presented a paper on "The Thermally Activated Deformation of Zirconium".

Prof. S. N. Flengas presented two papers at the Conference of Metallurgists, Aug. 28 to 31, one on "Activities in Silicate Melts by e.m.f. Measurements", and the other on "Thermodynamic Relationships Between Equilibrium Vapour Pressure and the Phase Diagrams for Reactive Systems".

Prof. W. C. Winegard presented two papers at the Canadian Metal Physics Conference in Kingston Aug. 31 to Sept. 2, one on "Free Convection in Horizontally Solidifying Systems" and the other on "The Microstructures of Some Bismuth Eutectics". He gave three papers at the Conference of Metallurgists, one on "Surface Affected Grain Growth in Dilute Cadmium Alloys"; one on "Substructures Originating from Grain Growth"; and the third on "Boundary Migration in Plastic Crystals". Prof. Winegard lectured on "Some Aspects of Solidification" at the Case Institute of Technology, Cleveland, on Nov. 17, and will give a series of lectures on "Solidification" to senior engineers of the Aluminum Company of Canada, Montreal, Nov. 11, 18 and 19, and Dec. 2 and 3.

Education

D. W. Alexander spoke to the Grade XI group of the Metro Toronto Seminars for Mathematics Teachers on Oct. 18. His topic was "Algorithms and Computers". He was appointed as a representative of the University of Toronto College of Education to the Ontario Mathematics Commission.

C. D. S. Bate has been appointed Commanding Officer of the University Naval Training Division, effective Sept. 15.

Miss Alice Elliott attended the Conference of Ontario University Registrars Association at the University of Windsor from Nov. 10 to 11.

F. M. A. Speed was appointed consultant and storyline writer to the Ontario Centre of Science and Technology.

Prof. John Stevens acted as chairman on a panel discussing the relationship between elementary and secondary schools. The topic is "How Far is Integrating Feasible?" The panel addressed themselves to an audience of Ontario Department of Education school inspectors and teachers on the staff of the Lakeshore Teachers' College on Nov. 17, at the annual conference of Teachers' College teachers and school inspectors.

P. R. W. Tacon, chairman of the North York Board of Education, was recently elected to the Board of Directors of the Public School Trustees Association of Ontario.

Prof. G. E. Tait addressed the librarians of the Toronto Public Schools on Nov. 7. His topic was "The Creation and Production of Books".

Library Science

Prof. Margaret E. Cockshutt has been elected to the Corporation of Trinity College as a representative of Convocation. She attended the executive meeting of the Canadian Association of College and University Libraries, Ottawa, Oct. 25, held in conjunction with the annual meeting of the Association of Universities and Colleges of Canada.

Prof. R. Brian Land addressed the Fall Conference of the Business Press Editors' Association held in Toronto, Oct. 20, on "How to Start a Current Information File". In his capacity as president of the Canadian Association of Library Schools, he attended the annual meeting of the Association of Universities and Colleges of Canada held in Ottawa, Oct. 26–28.

Forestry

A conference on Wood Measurement was held at Lakehead University, Port Arthur, sponsored jointly by the Faculty of Forestry,

University of Toronto, and Lakehead University, in cooperation with the Ontario Department of Lands and Forests and the Ontario Forest Industries Association, Nov. 7–10. Dean J. W. B. Sisam was a general co-chairman of the conference and Prof. F. M. Buckingham chaired one of the technical sessions.

Prof. K. A. Armson addressed the Science Club, York University, on the topic "Science in Silviculture", Nov. 3.

The School of Graduate Studies sponsored the following guest speakers at the Faculty: Dr. R. W. Kennedy, Head, Wood Biology Section, Forest Products Laboratory, Vancouver, whose lecture was entitled, "Some Physiological Aspects of Abnormal Xylem Formation", Oct. 26; Prof. Harold E. Young, School of Forestry, University of Maine, whose lecture was entitled, "The Complete Tree Concept", Nov. 4.

Mr. Leo Vidlak of Lakehead University was guest speaker at the Faculty on the subject, "Must Spruce be Regenerated Naturally?" on Oct. 19.

Music

On Oct. 3, Mount Allison University conferred upon Dr. Arnold M. Walter the degree of Doctor of Music, *honoris causa*, at a special convocation on the occasion of the official opening of the Marjorie Young Bell Conservatory of Music. The University of Mount Allison chose this way to express its appreciation of Dr. Walter's outstanding leadership in the field of music, and his valuable contribution to music education, both at home and abroad. To quote the president of Mount Allison, Dr. L. H. Cragg, "It gives Mount Allison great satisfaction to so honour a distinguished musician and educator".

Prof. Ezra Schabas completed a report on Ontario orchestras for the Province of Ontario Council for the Arts in June and is preparing another publication on orchestras to be published by the Council in January. He spoke on "Community Music and the University" at Sherbrooke in June; and chaired a panel on music teacher-training at the International Society for Music Education Biennial Conference at Interlochen, Michigan in August.

Prof. Oskar Morawetz' *Passacaglia on a Bach Chorale* has had orchestral performances three times in November, once on the CBC under Dr. Mazzoleni; in Austin, Texas; and in Independence, Mo. His *Violin Sonata* was played in Tokyo by Yuriko Kuionuma, and three of his songs were performed by Dr. Lois Marshall at the University of Montreal.

Prof. John Beckwith's new work *The Line Up and Down* written in collaboration with the poet James Reaney, will be broadcast on CBC Radio on Dec. 27. Dr. Lois Marshall is including Prof. Beckwith's *Four Songs to Poems by e.e. cummings* in her tour repertoire this year.

Dentistry

Dr. F. B. Burns will be the speaker at the meeting arranged through the extramural lecture program at the Halton-Peel Dental Association in Port Credit on Dec. 1.

Dean R. G. Ellis will attend a meeting of Deans of Canadian and United States Dental Schools in Phoenix, Arizona, Dec. 13 to 15.

Dr. K. W. Davey attended the Institute on Hospital Dental Service conducted by the American Hospital Association in Chicago, Nov. 30 to Dec. 2.

Prof. H. G. Poyton addressed the Scientific Meeting of the American Dental Association in Dallas on Nov. 16. His subject was "The Effect of Radiation on the Teeth".

Prof. R. M. Grainger attended the National Conference on Dental Epidemiology for Great Britain, in London, as a delegate for the Council on Dental Therapeutics of the American Dental Association on Nov. 16, 17 and 18. Immediately following this meeting Prof. Grainger visited Malmo, Sweden to confer with experts in clinical study analysis.

Pharmacy

Prof. D. R. Kennedy was moderator of the panel, and chairman of the afternoon session of the first Preceptor's Conference held by the Ontario College of Pharmacy, in Hart House, on Oct. 16.

Dean F. N. Hughes was elected president of the Canadian Association of Deans of Pharmacy, at the annual meeting, Oct. 26.

Prof. F. W. Teare attended the Sixth Annual Conference on Pharmaceutical Analysis, at Land-Of-Lakes, Wisconsin, Sept. 26–30.

Prof. J. G. Nairn attended the annual general meeting of the American Association of Colleges of Pharmacy, and the National Association of Boards of Pharmacy of District No. 2, in Niagara Falls, N.Y., Oct. 27–29.

Architecture

Dr. Thomas Howarth visited Europe in November, attending a meeting of the Board of Architectural Education of the Commonwealth Association of Architects in London, lecturing at Manchester University, and paying a flying visit to Venice shortly before the floods. Dr. Howarth conducted a three-day symposium for architects and engineers on "Man and his Environment" in mid-November.

Prof. S. R. Kent was the keynote speaker at the School Design Workshop conducted by the Edmonton Public School Board on Oct. 26–27. His subject was the "Application of Dimensional Coordination to Industrialized Building".

Prof. A. J. Diamond was chairman of a symposium on Nov. 16 at the Art Gallery of Ontario on "Urban Order—Is It Possible?"

Prof. D. H. Lee has been appointed to Canadian Standards Association Committee on Masonry Code of Practice, which is concerned with the preparation of standards for workmanship of masonry construction in general and the application of materials used therein.

Dr. A. J. Dakin has been elected an honorary life member of the Community Planning Association of Canada.

Visting lecturers to the School this term have included Dr. D. G. Mazzariol, director of the Querini-Stampalia Library and Art Historian at the School of Architecture in Venice, who spoke on "Hospital in Venice 1965"; Roberto Burle Marx, Brazilian artist and landscape architect, whose visit was sponsored by the Canada Council, and who spoke twice to the School; George Grenfell Baines, founder of the Building Design Partnership with offices in London, Preston, Manchester and Belfast, who gave a public lecture, "New Universities and Multi-Disciplinary Design Team Projects". Exhibitions have included paintings and sketches by graduate student Arvind Narale of India and by graduate Fred Beck; also "Architecture in Colour" by students of the School and of the Department of Fine Art.

Dr. Gerald Hodge has been awarded a grant by Central Mortgage and Housing Corporation, Ottawa, to inquire into "The Demand and Supply of Urban and Regional Planners in Canada" a nationwide study which will take a year to complete. Prof. Hodge also presented a working paper to the October conference of the Community Planning Association Ontario Division entitled "The Emerging Bounds of Urban Development".

Physical Education

During the late Spring Juri Daniel attended and participated in the National Conference of the American Association for Health, Physical Education and Recreation held in Chicago. Mr. Daniel also participated in the International symposium on physical activity and cardiovascular health held at the Inn on the Park, in October.

Prof. Kirk A. W. Wipper this summer directed a woodsmanship school and a canoeing school under the joint sponsorship of the Community Programmes Division, Department of Education and the Ontario Camping Association. Also under the Department of Education he delivered the keynote address on "Programme Theory, Planning and Modification" at the camp leadership centre at Bark Lake. He was guest speaker and technical consultant at a north shore Lifesaving Conference held at Lakehead University. He also attended and participated in the International symposium on physical activity and cardiovascular health.

In July, Prof. John McCutcheon was a member of the Canadian delegation attending a Commonwealth Conference of the Royal Life Saving Society, held in London England. The week-long conference was chaired, for the most part, by The Earl Mountbatten of Burma, Grand President, and the Hon. Lionel Chevrier, Canadian High Commissioner to the United Kingdom, who is Deputy Grand President. Seventeen Commonwealth countries attended. One result of the conference was that the Canadian Branch of the Society will provide active leadership for the Caribbean Commonwealth countries.

Social Work

Prof. D. F. Bellamy has been appointed a member, Advisory Board for Toronto Community Union Project; and member of Resolutions Committee, Ontario Welfare Council, and with Dr. Lappin, *pro tem* consultant on community projects, Welfare Grants Division Department of National Health and Welfare.

Dr. Gerson David participated as a panel member at a Town Hall meeting sponsored by the Social Planning Council of North York and Weston and the North York Public Library Board on the subject of "Values and Attitudes" on Oct. 5.

Prof. Margaret Doolan was Institute

Leader for two days with the staff of six Children's Aid Societies on "Casework with Multi-Problem Families", Bowmanville, Oct. 20–21.

Dr. E. S. L. Govan has been appointed representative of the Toronto Branch, Canadian Association of Social Workers, on the national-provincial-local *ad hoc* committee to consider procedure concerning ethical issues involved in the Warrendale situation; and representative of the Toronto Branch, C.A.S.W., on the national C.A.S.W. Committee to pursue the ethical issues and carry out the recommendation of the *ad hoc* committee.

Dr. C. E. Hendry consulted with Interdepartmental Committee of the University of the State of New York on the establishment of the Center for the Advanced Studies in Human Relations at Institute of Man and Science, Oct. 6. He gave a dinner address before the Canadian Lutheran Council's Second National Conference on Social Welfare in Kitchener on "The Church and Social Action on Social Issues", Oct. 12; met with National Agency Budget Review Committee, Oct. 20; with the National Committee of Canadian Schools of Social Work as part of annual meetings of the Association of Universities and Colleges of Canada, Ottawa, Oct. 24–25; with the Board of Governors of the Canadian Welfare Council, Ottawa, Oct. 26; and as consultant with Vanier Institute of the Family at its inaugural meeting in Ottawa, Oct. 27–29.

Miss Winnifred Herington participated in a panel discussion, Social Work Section, at the annual meeting, Ontario Hospital Association, Oct. 24, and served as panel member at Symposium on Arthritis sponsored by Ontario Hospital Association and Canadian Arthritis Society.

Miss Norma Lang has been appointed as consultant on group work services to the Y.W.C.A., North Branch; and to the John Howard Society, which is introducing a group work program for the first time.

Dr. J. E. Laycock served as chairman of Committee of Canadian Corrections Association to review Report on Juvenile Delinquency, Department of Justice, Ottawa. He has been appointed member of Personnel Review Committee, Social Planning Council of Metropolitan Toronto.

Nathan Markus has been elected vice-president of the Board of the Ontario Association of Professional Social Workers.

Dr. Albert Rose addressed the annual meeting of the Ontario Public Health Association in Toronto on Oct. 19, on the subject of "Housing as an Individual and Social Responsibility". He attended the first annual meeting of the Vanier Institute of the Family in Ottawa.

Prof. Marjory Seeley read a paper on "Social Aspects of Cerebral Palsy" at the Ontario Federation of Cerebral Palsy, 19th Annual Meeting, Oshawa, Oct. 15, and attended the Ontario Hospital Association annual meeting, Oct. 24, Social Work Section, and participated in a panel discussion on "Social Work Problems in Medical Settings".

Dr. B. W. Lappin lead a 12-session seminar of professional social workers practicing in community organization under the auspices of the Toronto Branch of the Canadian Association of Social Workers.

Dr. Tadeusz Grygier took part in an International Symposium on Comparaitve Law at the University of Ottawa, Sept. 4–7, and spoke on "The Social and Psychological Aspects of Privileged Communication and of the Doctrine of *mens rea*", and on "The Possible use of Computers and Factor Analysis in the Study of Comparative Law". He took part in a panel discussion on Sept. 16, organized by the City of Toronto Board of Education, on the implications of cultural shock and cultural conflict for the child, the school, and the family; he spoke on "The Concepts of Subjective and Objective Integration Developed on the Basis of Factor Analysis". He also spoke to faculty and students of the Psychology Department, University of Windsor, on Oct. 26, on "Psychological Investigations of Juvenile Delinquents and Adult Offenders and their Implication for Legislation and Social Policy" and visited research and treatment facilities in the area of Windsor and Detroit. Dr. Grygier is giving a series of lectures on "politique criminelle" and of doctoral seminars at the Université de Montréal.

Hygiene

Dr. A. M. Fallis attended the meetings of the American Society of Parasitologists and the American Society of Tropical Medicine and Hygiene held Oct. 31 to Nov. 4 at San Juan, Puerto Rico. Following the meetings Dr. Fallis visited the University of the West Indies at Kingston and gave a seminar in the Department of Microbiology on "The Research on Haematozoa in the Department of Parasitology".

Dr. John R. Brown participated in the 15th International Congress on Occupational

Health in Vienna and gave a paper on "Problems of Heat Stress Associated with the Wearing of Impermeable Clothing"; he participated in the 3rd International Congress on Rural Medicine held in Bratislava; and in November attended the Council of Resource Ministers' Conference on Water Pollution in Montreal.

Dr. R. J. Shephard was the chairman of an International Symposium on Physical Activity and Cardiovascular Health held at the Inn on the Park from Oct. 11 to 13, with the joint support of the Ontario Heart Foundation, the Ontario Medical Association, and the Canadian Medical Association. Papers were presented by 70 speakers and discussants drawn from 10 countries, and the meetings were attended by some 600 registrants from a wide variety of disciplines. Immediately prior to the symposium, Dr. Shephard was host to an international working party on the standardisation of methods for the measurement of working capacity, arranged under the auspices of the International Biological Programme. Dr. Shephard attended the International Symposium on the Effects of Altitude on Physical Performance held in Albuquerque March 3–6, and gave a paper on "Physical Performance in Mexico City"—some observations on a Canadian swimmer and two other unacclimatized men. Dr. Shephard also attended the 50th Annual Meeting of the Federation of American Societies for Experimental Biology at Atlantic City April 11–16. An abstract of his paper "A New Progressive Step Test for Prediction of 'Maximal' Oxygen Consumption" was published in the Federation Proceedings. Dr. Shephard attended the 16th World Congress of Sports Medicine in Hanover, June 12 to 16, and presented a paper entitled "Partitioning Cardio-respiratory Performance".

Business

Prof. J. H. G. Crispo attended the Canadian Labour Congress Conference on Labour Legislation on Sept. 27 and 28 as an observer. He also chaired the 5th Annual Domtar Joint Labour-Management Meetings at Val Morin, Quebec on Oct. 27 and 28.

Prof. M. R. Hecht addressed the Management in Action Seminar of the Insurance Institute of Ontario on the subject of modern administration on Oct. 18, Nov. 1 and 8. He was also responsible for organizing the ten sessions of this seminar for the Institute.

Prof. A. E. Paull was elected last spring to the Council of the Canadian Operational Research Society. In August he presented a paper entitled, "Applications of Multiple Regression in the Analysis of Marketing Data" at the annual meeting of the American Statistical Association in Los Angeles.

Prof. R. E. Vosburgh spoke to The Professional Development Program of the Engineering Institute of Canada on "The Marketing of Industrial Products", Nov. 9.

Prof. J. V. Poapst was a discussant of a paper, "A Survey of Investment Practices in Selected Canadian Companies", presented at the annual meetings of the Canadian Association of Schools of Business held in June at Sherbrooke.

Prof. J. A. Sawyer spoke to the Montreal Economics Association on "The Use of Econometric Models for Policy Analysis and Forecasting in Canada" on Oct. 18. He also addressed the Graduate School of Business, McGill University on the same topic.

Profs. M. S. Moyer and R. E. Vosburgh attended the Fall Conference of the American Marketing Association at the University of Indiana, Aug. 31 to Sept. 2.

Aerospace Studies

Dr. I. I. Glass visited the von Karmon Institute for Fluid Dynamics near Brussels on May 9, and gave a lecture on "Non-equilibrium Corner-Expansion Flows of Dissociated and Ionized Gases". He also presented a lecture on May 13 to the "Association Belge Des Ingenieurs et Techniciens De L'Aeronautique et De L'Astronautique, Brussels, on "Shock Wave Phenomena on Earth and in Space". Dr. Glass attended the AGARD Specialists' Meeting on "Separated Flows" at the above Institute from May 10–13 and visited the University of Louvain and the Free University of Brussels. He also attended the AGARD Colloquium on "Recent Advances in Aerothermochemistry" in Oslo, from May 16–20 and repeated the lecture given at the Institute. He also visited the Aeronautics, Physics and Chemical Engineering Departments at Imperial College, London, in order to discuss recent advances in high-temperature gas flows. Dr. Glass and R. F. Flagg visited the U.S. Naval Ordnance Laboratory, White Oak, Md., on Oct. 31 in order to discuss hypervelocity launcher research.

Dr. G. N. Patterson was appointed a member of the new Science Council of Canada by the Prime Minister. He attended the inauguration of the Council by the Prime Minister on July 5 in Ottawa and attended the second meeting on Oct. 3 and 4. Dr.

Patterson undertook a world lecture tour visiting England, India, Australia and Japan during the period July 5–Sept. 11. During this period he lectured and held discussions on "Principles of Sub-Orbital Flight" and "The Research Program at the Institute for Aerospace Studies" at Oxford University; the Indian Institute of Technology (Kanpur); Monash University (Melbourne); Aeronautical Research Laboratory (Melbourne); Weapons Research Establishment (Adelaide); Australian National University (Canberra); University of Sydney; Department of Aeronautical Engineering, University of Tokyo; National Aerospace Laboratory (Tokyo); Japan Defence Academy (Tokyo); Institute for Aeronautical and Space Science, University of Tokyo. Lectures were presented to the Japan Society for Aeronautical and Space Science at the University of Tokyo, Nagoya University and Kyoto University. On the way back to Toronto, Dr. Patterson attended the meetings of the Canadian Research Management Association in Vancouver on Sept. 8 and 9.

Dr. H. S. Ribner attended a meeting of the NRC Associate Committee on Aerodynamics in Ottawa, Oct. 24, to consider research proposals submitted to the Committee among other matters.

Dr. R. C. Tennyson attended the Flight Dynamics Laboratory, Open House at Wright-Patterson Air Force Base in Dayton, Ohio on Oct. 19–21. In addition to touring the laboratory facilities, he attended a meeting with the Theoretical Mechanics Branch to discuss problems of stress wave propagation in solids. On Oct. 24–27 he visited Langley Field, NASA in Hampton, Va., during which time he attended a meeting with the Structural Mechanics Branch to discuss problems in shell mechanics.

Bio-medical Electronics

Dr. E. Llewellyn Thomas and G. McKye of the Institute, together with Dr. D. A. Gibson of the Hospital for Sick Children, presented a paper on "An Investigation of Muscle Efficiency" at the 10th annual symposium on Rehabilitation in Toronto on Oct. 22. Dr. Llewellyn Thomas was an invited speaker at the 8th annual convention of the Ontario Speech and Hearing Association and spoke on "What is Communication?"

Child Study

Miss Dorothy I. McKenzie spoke to the staff of Hillcrest Progressive School on Wednesday, Nov. 2. Her topic was "Evaluating Nursery School Children."

Dr. M. L. Northway and Mrs. Inta Ridler attended the meeting of the National Association for the Education of Young Children in Chicago, on Nov. 3, and also met with Dr. James Davis, University of Chicago, to discuss his new method for the computer programming of sociometric data.

Dr. M. Sheila O'Connell presented a paper, "Universal Values in Canadian-Set Realistic Fiction for Children", to the International Reading Association Workshop in Toronto, on Nov. 4.

Prof. John McInnes spoke to the Teachers Association at Harrow, Ontario, on Nov. 8. The topic was "The Teaching of Reading". Prof. McInnes talked to the Ontario Association of Catholic Teachers' Convention in Toronto on Nov. 19 on the topic "Creativity in Language".

Dr. M. F. Grapko was the guest speaker at the Ontario Association of Teachers for Retarded Children, Professional Development Day, held in Fort Frances, Ont. on Nov. 15. The topic was, "Coping with Emotional Difficulties in Schools for Retarded Children".

Computer Science

Prof. J. N. P. Hume gave the keynote address at the formal opening of the Computing Centre at Queen's University on Oct. 21. His topic was "Dial M for Mathematics".

Connaught Medical Research Laboratories

Dr. R. J. Wilson spoke on "Biology, Vaccine and Industry" at the Biology Symposium held on the occasion of the opening of the new Biology Building, University of Windsor, Oct. 21.

Drs. J. K. W. Ferguson, R. J. Wilson, D. R. E. MacLeod, and P. Fenje were invited to participate in sessions of the International Conference on Vaccines against Viral and Rickettsial Diseases of Man, organized by the Panamerican Health Organization and WHO, held in Washington, Nov. 7–11.

Royal Ontario Museum

Peter C. Swann attended the Ottawa meeting of the Canadian Art Museum Directors Organization Nov. 13–15 and was invited to lecture at the National Gallery of Canada Nov. 24 on "Four centuries of tradition and revolt in Chinese painting, 1360–1760". Mr. Swann, Mrs. Hugh Downie

and Leigh Warren attended the Northeast Museums Conference in Newark, N.J., Oct. 5–8.

James L. Baillie read a paper on "Ontario's most recent breeding birds" at the American Ornithologists' Congress in Duluth, Minn., Sept. 5–9. The Congress also was attended by Dr. J. C. Barlow, R. A. Davis, and James A. Dick. Dr. Barlow presented a paper on "Morphostasis in the North American population of the European tree sparrow" at the International Ornithological Congress, held at Oxford July 21 to Aug. 4.

Harold B. Burnham travelled more than 10,000 miles in the Atlantic provinces during the summer in the first phase of research for a history of Canadian textiles. His research was made possible by a Canada Council Senior Fellowship.

Dr. E. J. Crossman presented a paper, "The fossil history of the suborder Esocoidei", to the American Society of Ichthyologists and Herpetologists in Miami in June.

Walter A. Kenyon spent two and a half months during the summer excavating an Indian burial mound on the Rainy River. Then he took a party of divers to the Winnipeg River where Alexander Henry upset a canoe Aug. 9, 1800, and they recovered a quantity of trade goods. Later they worked on upper portions of the French River, part of the old canoe route to the West.

Dr. Henry King arrived in mid-October to take up his duties as Curator of the McLaughlin Planetarium, to be built immediately south of the ROM.

Dr. R. R. H. Lemon spent three weeks in August on the Caribbean coast of Colombia, in the vicinity of Cartagena and Barranguilla, studying coral reefs of the Pliocene and Pleistocene ages.

Dr. J. A. Mandarino, Dr. D. C. Harris, and George Pawlick attended the annual meeting of the Mineralogical Association of Canada in Halifax Sept. 12–14. Dr. Mandarino read a paper on "Pyroaurite and Stichtite from Langmuir township, Ontario", and Dr. Harris a paper on "New Observations on Kobellite".

Dr. V. B. Meen attended the meeting of the International Mineralogical Association at Cambridge, England Aug. 30 to Sept. 3. On Oct. 18, Dr. Meen, Dr. A. D. Tushingham, Grant Waite, E. D. Tiffany and Leigh Warren spoke to a joint meeting of the Walker Club and the Canadian Gemmological Association on the ROM study of the Iranian crown jewels.

Mrs. Haruko Motamedi, Curatorial Assistant, has resigned from the Far Eastern Department, to join her husband in Afghanistan where he is Director of the Kabul Museum.

Dr. E. S. Rogers attended a conference on cultural Ecology at the National Museum in Ottawa in August. He presented a paper called: "Natural environment, social organization, witchcraft: Crees versus Ojibwa—a test case." During the summer, Dr. Rogers represented the Archaeological and Historical Sites Board at unveilings of a number of historical plaques in Ontario.

Dr. L. S. Russell represented the ROM at the Centennial celebration of the Peabody Museum of Natural History, Yale University, Oct. 26–28. The new Kline Biology Tower was dedicated during the celebration and a series of symposia on evolutionary biology was held.

Dr. W. B. Scott continued his studies on Atlantic fishes at the biological station of the Fisheries Research Board at St. Andrews, N.B., during July and August. In Miami in June, Dr. Scott was elected to the board of Governors of the American Society of Ichthyologists and Herpetologists for the period 1966 to 1971.

Dr. Walter M. Tovell attended the annual meeting of the Geological Association of Canada Sept. 9–15 in Halifax. On Sept. 25 Dr. Tovell led a public geology tour of the Albion Hills Conservation area and on Oct. 1-2 he was the leader of the annual field trip of the Ontario Geography Teachers' Association to the Niagara Falls area. He spoke to the Thunder Bay Field Naturalists' Club Oct. 7 and the Sault Naturalists' Club Oct. 11 on "Ontario's changing environments—two and a half billion years of history".

Dr. A. D. Tushingham returned Sept. 29 from Jordan where for three months he took part in the excavation of the old city of Jerusalem, a project of the British School of Archaeology and the ROM. June 2–4 Dr. Tushingham attended the Canadian Museum's Association Conference in Winnipeg and was in Chicago June 7–10 for the conference of the American Association of Museums. Between June 29 and July 6 he did research at the Victoria and Albert Museums, London for the ROM study in Tehran of the Iranian Crown Jewels, a project in which he, Dr. V. B. Meen, E. D. Tiffany and Leigh Warren took part in April.

Henry Trubner attended the official opening Oct. 11 of the exhibition, "Master Bronzes of India", presented by the Asia

Society at Asia House in New York. Mr. Trubner and Mrs. B. Stephen attended the International Symposium of the Arts in Asia, held in San Francisco Aug. 28–Sept. 4 in connection with the opening of the Avery Brundage Wing of Oriental Art at the de Young Museum.

Dr. G. B. Wiggins spent seven weeks during the summer in the southwestern United States for a research programme on Trichoptera, which is supported by the National Science Federation. Another field trip of seven weeks was made this fall to the northwestern United States by Dr. Wiggins, T. Yamamoto, and A. Odum. Rev. J. C. E. Riotte spent 12 weeks in the Lake Nipigon Geraldton area and at the Queen's University Biology station on Lake Opinicon, continuing a general survey of Ontario insect fauna.

Ontario Institute for Studies in Education

Dr. David P. Ausubel has been appointed research associate in Medical Education, Faculty of Medicine, University of Toronto. He was a contributor to and editor of the October issue of the *Review of Educational Research*, "Cognitive Development in Adolescence". He addressed the University of Waterloo Psychology Colloquium in November.

Dr. George E. Flower attended and addressed the CEA convention held in Vancouver in October. With Prof. J. Glenn Scott he directed a seminar for Toronto principals and inspectors in November.

Dr. J. R. Kidd attended the World Literacy of Canada Conference, and the Commission of Professors of Adult Education held in Chicago. Prof. Allen Tough also attended this last conference. Dr. Kidd has published a French language (Paris) and Hindi (New Delhi) edition of his *How Adults Learn*. He has also been travelling to Montreal and Ottawa, collecting information for a study of the Canadian capacity to assist in the world literacy campaign.

Dr. L. D. McLean is the editor of the December issue of the *Review of Educational Research*, "Methodology of Educational Research," and a contributor to it. He is serving as chairman of the Committee on Information Storage and Retrieval, in the area of Research Methodology, for Division D of AERA.

Dr. W. Michelson taught two courses in sociology (Research Methods and Urban Society) at the University of California at Berkely this summer. He also read a paper to this summer's meeting of the American Sociological Association.

Dr. K. F. Prueter has travelled extensively in recent months, notably to England to attend a conference of the Schools Council. He will act as host to the York District #3 Professional Development Day, Nov. 30, to be held at OISE.

Dr. V. R. D'Oyley recently attended the College Entrance Examination Board meetings in New York City. He will conduct the Measurement Seminar for Guidance Personnel sponsored by OISE's Department of Measurement and Evaluation at St. Catharines, Dec. 15 to 17.

Dr. H. H. Russell addressed the OISE York District #3 Professional Development Day, Nov. 24, and will attend the Measurement Seminar in St. Catharines, in December. Dr. A. J. C. King will also attend this seminar.

J. W. Holland will be awarded his Ph.D. from Syracuse University in the spring.

Dr. Cicely Watson attended the International Seminar on Educational Planning in Berlin, Oct. 19 to 28. This conference was organized by the Max-Planck Institute for Educational Research, on behalf of the Organization for Economic Development, and the Government of the Federal Republic of Germany.

Dr. R. W. B. Jackson participated in the Mexican colloquium in October and the CCRE Committee meeting early in November.

The Press

The following have been published by the Press since the last issue of the *Bulletin*:

American Handbook of Psychiatry, Volume 3. Edited by S. Arieti. $20.00

Faculty Retirement Systems in Canadian Universities. By Mark H. Ingraham. $2.00

George Chapman: A Critical Study. By Millar MacLure. $6.50

The Humanities in Canada: Supplement to December 31, 1964. By R. M. Wiles. $6.00

Central Departments and Local Authorities. By J. A. G. Griffiths. $10.00

The Story of Canadian Roads. By Edwin C. Guillet. $8.50

The Clear Spirit: Twenty Canadian Women and Their Times. Edited by Mary Q. Innis. $6.00

Painting in Canada: A History. By J. Russell Harper. $20.00

Other Books

The Mammals of Eastern Canada. By Randolph H. Peterson. Oxford University Press.

The Letters of St. Paulinus of Nola, Volume 1. Translation by P. G. Walsh. Longmans Green and Company Ltd.

Russian-English Dictionary and Reader in the Cybernetical Sciences. By Samuel Kotz. Introduction by Arthur Porter. Academic Press, New York, October, 1966.

Recent Results in Information Theory. Monograph by Samuel Kotz. Methuen's Review Series in Applied Probability, Volume 5.

General Biology. By F. M. A. Speed. Charles E. Merrill, May, 1966.

Awards Available to Faculty Members

CAMBRIDGE, ST. JOHN'S COLLEGE

The College Council invites applications for a 1967–68 *Commonwealth Fellowship*, intended for scholars on leave of absence from academic posts, with the purpose of pursuing their own study and research and making contacts with British scholars. Small stipend, lodgings, etc. are provided. Apply to the Master, St. John's College, Cambridge before April 15, 1967.

CENTENNIAL AWARD: ROYAL BANK

The purpose of the award is to recognize outstanding achievements which will "contribute to the common good and human welfare of Canada and the world society." Winner (an individual or a team) will be chosen from nominations received by an independent Selection Committee, before Feb. 28, 1967. Enquiries should be addressed to: The Secretary, Selection Committee, Royal Bank Centennial Award, P.O. Box 1102, Montreal 2, Quebec.

COMMONWEALTH UNIVERSITY INTERCHANGE SCHEME

Grants toward cost of travel are made by the British Council to: (a) university teachers or officers, of at least five years' standing, on recognized study leave; (b) distinguished university scholars invited by universities for short visits; (c) postgraduate university research workers holding research grants. Complete information and application forms from Office of Student Awards (applications for (a) and (b) close December 31, 1966; for (c) March 31, 1967.)

NUFFIELD FOUNDATION TRAVEL GRANTS

For travel between Canada and the United Kingdom for university staff members, 35 or over, £190 for scholars from Ontario, plus £50 a month. Applications from Director of Awards, Association of Universities and Colleges of Canada, 151 Slater Street, Ottawa 4. Closing date: Jan. 1, 1967.